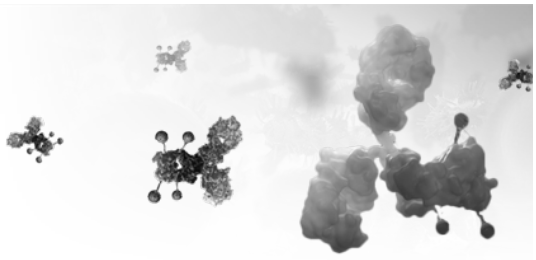

Rabbit Anti-ARC monoclonal antibody, clone TS45-13 (CABT-L589)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	p16 ARC
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TS45-13
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	16 kDa
Cellular Localization	Cytoplasm
Positive Control	N2A, MCF-7, SK-BR-3, human spleen tissue, mouse lung tissue, mouse spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The Arp2/3 (Actin-related protein 2/3) complex consists of seven subunits, all of which are actin-related proteins. The complex is involved in the control of actin polymerization and in mediating the formation of branched actin networks. p16-ARC, also known as ARPC5 (Actin-related protein 2/3 complex subunit 5) or ARC16 (Arp2/3 complex 16 kDa subunit), is a 151 amino acid subunit of the Arp2/3 complex. Thought to play a role in maintaining the integrity of Arp2/3, p16-ARC is a substrate for MAPKAPK-2 which, through phosphorylation of p16-ARC, may participate in Arp2/3 regulatory functions and remodeling of the Actin cytoskeleton. Two isoforms of p16-ARC exist due to alternative splicing events.
Keywords	Actin related protein 2/3 complex subunit 5 (16 kD);Actin related protein 2/3 complex subunit 5;Actin related protein 2/3 complex, subunit 5 16kDa;Actin-related protein 2/3 complex subunit 5;ARC16;Arp2/3 complex 16 kDa subunit;Arp2/3 protein complex subunit p16;ARPC 5;Arpc5;ARPC5_HUMAN;dJ127C7.3;MGC88523;p16 Arc;p16-ARC;RP1 127C7.3 antibody

GENE INFORMATION

Entrez Gene ID	1021

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